

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 1780 | ((137/340) or (137/382)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/07/28 15:31 |
| L2 | 686 | ((251/112) or (251/215) or (251/221)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/07/28 15:35 |
| L3 | 231 | (279/20).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/07/28 15:36 |
| L4 | 355 | (409/136).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/07/28 15:36 |
| L5 | 887 | ((408/56) or (408/57) or (408/141)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/07/28 15:38 |
| L6 | 0 | weigel-matthew.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/28 15:40 |
| L7 | 1470 | weigel.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/28 15:41 |
| L8 | 1 | (fluid and spindle and shank and seal and (screw or threaded) and spring).clm. | USPAT | OR | ON | 2006/07/28 15:45 |
| L9 | 53 | (fluid and spindle and seal and (screw or threaded) and spring).clm. | USPAT | OR | ON | 2006/07/28 15:43 |
| L10 | 1 | ((fluid or coolant) and spindle and shank and seal and (screw or threaded) and spring).clm. | USPAT | OR | ON | 2006/07/28 15:45 |
| L11 | 707 | (valve and (tension or preload) and seal\$3 and spring).clm. | USPAT | OR | ON | 2006/07/28 15:46 |
| L12 | 3 | (valve and (tension or preload) and seal\$3 and spring and chuck).clm. | USPAT | OR | ON | 2006/07/28 15:47 |
| L13 | 2 | ("4198180").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/07/28 15:48 |

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| S3 | 1175 | (408/1R).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/19 13:47 |
| S5 | 1753 | ((137/340) or (137/382)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/07/28 15:30 |
| S6 | 987 | (137/340).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/19 13:47 |
| S7 | 768 | (137/382).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/07/28 15:32 |
| S8 | 684 | ((251/112) or (251/215) or (251/221)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/07/28 15:30 |
| S9 | 230 | (279/20).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/07/28 15:30 |
| S16 | 29 | ("0004231" "1314690" "2407501" "2687826" "2852969" "2865572" "4099889" "4165944" "4212567" "4367991" "4461602" "4566826" "4684298" "4704055" "4705439" "4768901" "4784535" "4813831" "4844671" "4856944").PN. OR ("4955764").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/19 14:46 |
| S17 | 25 | ("2889150" "3024030").PN. OR ("4570952").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/19 15:06 |
| S18 | 3696 | B23Q011/10.ipc. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/11/19 17:20 |
| S19 | 86 | S18 and ((pressure or force) and (screw or bolt or thread\$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/11/20 20:03 |

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| S20 | 1096 | B23B051/06.ipc. . | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/11/19 17:20 |
| S21 | 138 | S20 and ((pressure or force) and (screw or bolt or thread\$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/11/20 17:36 |
| S22 | 343 | (409/136).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/07/28 15:30 |
| S23 | 875 | ((408/56) or (408/57) or (408/141)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/07/28 15:31 |
| S24 | 31 | ("0487847" "1359955" "3242819" "3375742" "3798726" "3893355").PN. OR ("4164879").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/20 16:15 |
| S25 | 1426 | weigel.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/28 15:40 |
| S26 | 45 | S25 and ((pressure or force) and (screw or bolt or thread\$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/11/20 17:36 |
| S27 | 6 | ("4951578" "5039261" "5174692").PN. OR ("5660510"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/20 18:37 |
| S28 | 1753 | ((137/340) or (137/382)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/20 20:02 |
| S29 | 987 | (137/340).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/20 20:02 |
| S30 | 768 | (137/382).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/20 20:02 |
| S31 | 684 | ((251/112) or (251/215) or (251/221)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/20 20:03 |

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| S32 | 2428 | S28 or S31 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/11/20 20:03 |
| S33 | 398 | S32 and ((pressure or force) and (screw or bolt or thread\$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/11/20 20:03 |

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| S35 | 9 | ("4068559" "4997325" "5443340").PN. OR ("5860776").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/09 14:27 |
| S36 | 230 | (279/20).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/12/09 14:27 |
| S37 | 15 | S36 and valve | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/09 14:32 |
| S40 | 876 | ((408/56) or (408/57) or (408/141)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/12/09 14:33 |
| S41 | 155 | S40 and valve | US-PGPUB; USPAT; USOCR; JPO; DERWENT | OR | ON | 2005/12/09 14:33 |
| S49 | 139816 | "137"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/09 16:22 |
| S57 | 40803 | S49 and (fluid or lubricant or coolant) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/09 16:27 |
| S58 | 20268 | S57 and seal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/09 16:28 |
| S59 | 1106 | S58 and (set near screw) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/09 16:28 |
| S61 | 1060 | S59 and valve | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/09 16:29 |
| S62 | 865 | S61 and (tension or force or load) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/09 16:29 |
| S64 | 2 | "4010177" | EPO; JPO; DERWENT | OR | ON | 2005/12/09 17:43 |
| S65 | 4 | ((("6105595") or ("4790390") or ("4693646") or ("4865495")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/12/09 17:23 |

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| S66 | 1433 | weigel.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/09 17:36 |
| S67 | 4 | S66 and Matthew | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/09 17:36 |
| S68 | 8 | "464335" | EPO; JPO; DERWENT | OR | ON | 2005/12/09 17:43 |
| S69 | 5 | "1383306" | US-PGPUB; USPAT | OR | ON | 2005/12/09 19:30 |